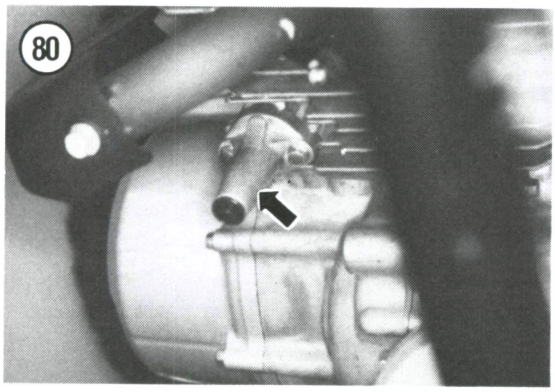
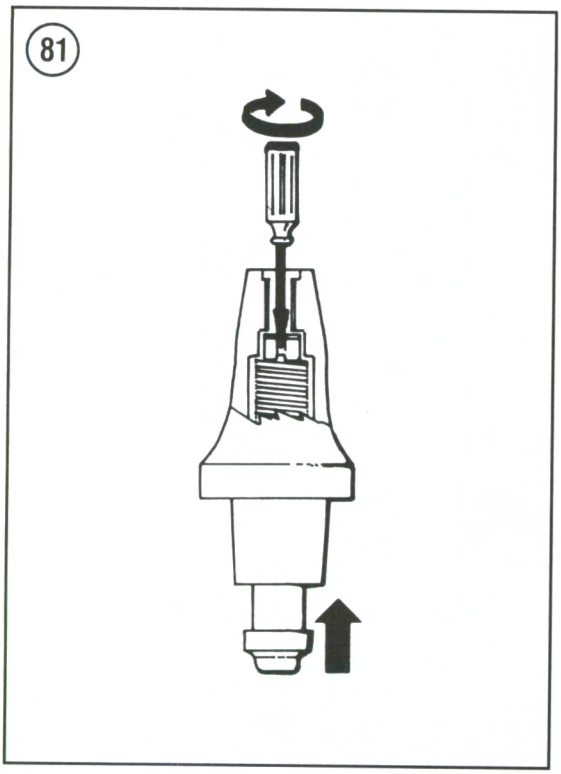
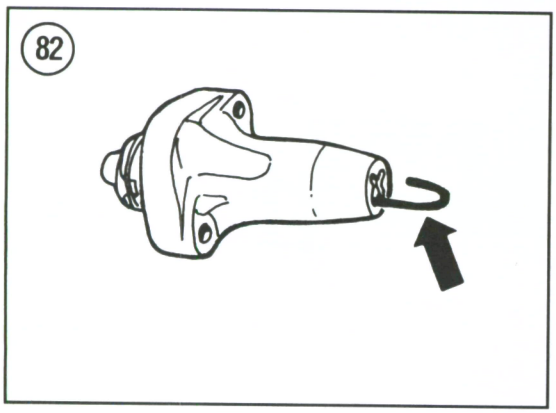


80



81



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CAMSHAFT CHAIN TENSIONER

Removal/Installation

NOTE
The camshaft chain tensioner assembly cannot be serviced, if it is not functioning properly, it must be replaced.

1. Loosen the sealing bolt, then remove the bolts securing the camshaft chain tensioner (**Figure 80**) to the cylinder and remove the tensioner assembly from the cylinder.
2. Remove the gasket and discard it.
3. Remove the sealing bolt and washer from the center of the tensioner.
4. Install a new gasket on the cylinder.
5. Remove the sealing bolt and washer.
6. Insert a flat bladed screwdriver into the sealing bolt opening (**Figure 81**).
7. Screw the adjuster *clockwise* to fully retract the tensioner.
8. Hold the tensioner plunger in this fully retracted position and remove the screwdriver.
9. Insert a piece of wire into the opening (**Figure 82**) to wedge the tensioner plunger in this position.
10. Install the cam chain tensioner lifter assembly onto the cylinder and install the bolts. Tighten the bolts to the torque specification listed in **Table 2**.
11. Remove the piece of wire and listen for a "click" to make sure the plunger was released from the retracted position and is up against the cam chain.
12. Install the sealing bolt and washer and tighten to the torque specification listed in **Table 2**.

PISTON, PISTON PIN AND PISTON RINGS

The piston is made of an aluminum alloy. The piston pin is made of steel and is a precision fit. The piston pin is held in place by a clip at each end.

Piston Removal

1. Remove the cylinder head cover, camshaft, cylinder head and cylinder as described in this chapter.

WARNING
The edges of all piston rings are very sharp. Be careful when handling them to avoid cutting fingers.

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